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Commands and Terms Definitions

mkdir

Description: Creates a new directory.
Usage: `mkdir [options] directory_name`
Examples:

- `mkdir myDirectory` creates a new directory named `myDirectory`.
- `mkdir -p nested/directory/structure` creates a nested directory structure, making parent directories as needed.

touch

Description: Creates a new empty file if it doesn't exist, or updates the access and modification times of an existing file.
Usage: `touch [options] file_name`
Examples:

- `touch newFile.txt` creates a new empty file named `newFile.txt`.
- `touch existingFile.txt` updates the timestamp of `existingFile.txt`.

rm

Description: Removes files or directories.
Usage: `rm [options] file_or_directory`
Examples:

- `rm file.txt` deletes the file `file.txt`.
- `rm -r directory` deletes the directory `directory` and its contents recursively.

rmdir

Description: Removes empty directories.
Usage: `rmdir [options] directory`
Examples:

- `rmdir emptyDirectory` removes an empty directory named `emptyDirectory`.

mv

Description: Moves or renames files and directories.
Usage: `mv [options] source destination`
Examples:

- `mv file1.txt newDirectory/` moves `file1.txt` to `newDirectory`.
- `mv oldName.txt newName.txt` renames `oldName.txt` to `newName.txt`.

cp

Description: Copies files and directories.

Usage: `cp [options] source destination`

Examples:

- `cp file.txt newDirectory/` copies `file.txt` into `newDirectory`.
- `cp -r sourceDirectory/ destinationDirectory/` recursively copies `sourceDirectory` and its contents into `destinationDirectory`.

file

Description: Determines the type of a file.

Usage: `file [options] file_name`

Examples:

- `file document.txt` might return `document.txt: ASCII text`.

pdfinfo

Description: Displays metadata of a PDF file.

Usage: `pdfinfo file.pdf`

Examples:

- `pdfinfo myDocument.pdf` displays information about `myDocument.pdf`.

mediainfo

Description: Shows information about media files (audio, video).

Usage: `mediainfo file`

Examples:

- `mediainfo song.mp3` displays information about `song.mp3`.

exiv2

Description: Manages image metadata.

Usage: `exiv2 [options] file`

Examples:

- `exiv2 print picture.jpg` prints metadata of `picture.jpg`.

exiftool

Description: Reads, writes, and edits meta information in files.

Usage: `exiftool [options] file`

Examples:

- `exiftool -Author="Your Name" image.jpg` sets the author of `image.jpg` to "Your Name".